INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/050876

PC 7 H03F1/34	•			
according to International Patent Classification (IPC) or to both national cla	assification and IPC			
5. FIELDS SEARCHED				
finimum documentation searched (classification system followed by class IPC 7 H03F	sification symbols)			
ocumentation searched other than minimum documentation to the extent	t that such documents are included in the field	ds searched		
lectronic data base consulted during the International search (name of da	ata base and, where practical, search terms i	used)		
DOCUMENTS CONSIDERED TO BE RELEVANT				
Category ° Citation of document, with indication, where appropriate, of t	the relevant passages	Relevant to claim No.		
EP 1 235 344 A (NOKIA CORP) 28 August 2002 (2002-08-28) the whole document	28 August 2002 (2002-08-28)			
US 2003/031271 A1 (BOZEKI JOHN AL) 13 February 2003 (2003-02- the whole document	US 2003/031271 A1 (BOZEKI JOHN JANOS ET AL) 13 February 2003 (2003-02-13) the whole document			
WO 01/63792 A (MOTOROLA ISRAEL ROZENTAL MARK (IL); BEN AYUN N 30 August 2001 (2001-08-30) the whole document	ARK (IL); BEN AYUN MOSHE (IL)) 2001 (2001-08-30)			
Further documents are listed in the continuation of box C.	γ Patent family members are lis	sted in annex.		
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Date of the actual completion of the international search	Date of mailing of the international			
25 August 2004	01/09/2004			
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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1235344	Α	28-08-2002	EP U\$	1235344 A2 2002115417 A3	
US 2003031271	A1	13-02-2003	WO	03015365 A	20-02-2003
WO 0163792	A	30-08-2001	GB AU EP WO US	2359680 A 3765501 A 1260024 A 0163792 A 2003119462 A	2 30-08-2001